



09/701254

c/c

Docket No.: SON-1684  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:

Confirmation No.: 7973

Norio NAGATSUKA et al.

Patent No.: 7,076,331

Issued: July 11, 2006

For: ROBOT DEVICE, CONTROL METHOD FOR  
ROBOT DEVICE, AND PROGRAM RECORDING  
MEDIUMCertificate  
JUN 21 2007  
of CorrectionREQUEST FOR CERTIFICATE OF CORRECTIONAttention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

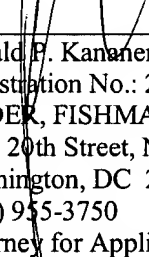
Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. It appears that mistakes were recorded through the fault of the Patent and Trademark Office in the printing of the patent as clearly disclosed by the records of the Office within the meaning of 35 USC § 254. Accordingly, two copies of the special Certificate of Correction are attached hereto. It is believed that the error noted is an error of consequence involving the title of the invention and thus warrants the granting of a Certificate of Correction. Copies of the first page of the application showing the correct title, the declaration showing the correct title, and the Official Filing Receipt with the correct title are enclosed for the convenience of the PTO. It is believed that the error was made on the part of the PTO and that no government fee is required.

Should any costs be incurred, please consider this authorization to charge Deposit Account No. 18-0013.

Dated: June 19, 2007

Respectfully submitted,

By   
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Attorney for Applicant

JUN 21 2007

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,076,331

DATED : July 11, 2006

INVENTOR(S): Norio NAGATSUKA et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Title Page:**

Item (54) should be read as follows:

-- ROBOT DEVICE, CONTROL METHOD FOR ROBOT DEVICE, AND PROGRAM RECORDING MEDIUM --.

MAILING ADDRESS OF SENDER:

Customer No. 23353  
**Rader, Fishman & Grauer PLLC**  
1233 20<sup>th</sup> Street, NW  
Suite 501  
Washington, DC 20036

PATENT NO. 7,076,331

JUN 21 2007

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,076,331

DATED : July 11, 2006

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Washington, DC 20036

PATENT NO. 7,076,331



## DESCRIPTION

Robot Device, Control Method for Robot Device, and Program Recording Medium

## Technical Field

This invention relates to a robot device which acts naturally like a living body, a control method for a robot device, and a program recording medium.

## Background Art

Conventionally, there have been developed robot devices in the shape of a multi-limb living animal such as a dog or a cat. Such conventionally proposed robot devices are programmed to simply keep doing predetermined works or can only behave in accordance with a simple sequence.

In some of portable terminals, virtual pets having emotion models are provided. However, such virtual pets cannot live in the actual world and therefore lack reality and a sense of living.

## Disclosure of the Invention

In view of the foregoing status of the art, it is an object of the present invention to provide a robot device which can act with reality and a sense of living in the actual world, a control method for a robot device, and a program recording medium.

A robot device according to the present invention includes: an emotion module



S99P1351US00

PTO/SB/106(8-98)

Approved for use through 9/30/98 OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## Declaration and Power of Attorney For Patent Application

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### Japanese Language Declaration

### 日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。 As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ROBOT DEVICE, CONTROL METHOD FOR ROBOT DEVICE, AND  
PROGRAM RECORDING MEDIUM

上記発明の明細書（下記の欄で x 印がついていない場合は、the specification of which is attached hereto unless the following box is checked: 本書に添付）は、

☐ 月 日に提出され、米国出願番号または特許協定条約  
国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に訂正されました。

☒ was filed on November 30, 1999  
as United States Application Number or  
PCT International Application Number  
PCT/JP99/06713 and was amended on  
\_\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、  
内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents  
of the above identified specification, including the claims, as  
amended by any amendment referred to above.

私は、連邦規則法典第 37 編第 1 条 56 項に定義されると  
おり、特許資格の有無について重要な情報を開示する義務が  
あることを認めます。

I acknowledge the duty to disclose information which is material  
to patentability as defined in Title 37, Code of Federal  
Regulations, Section 1.56.

JUN 21 2007

# Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願について外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)  
外国での先行出願

Priority Claimed  
優先権主張

(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	<input checked="" type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ
P10- 340716	Japan	30/11/1998	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/> Yes はい	<input type="checkbox"/> No いいえ

私は、第35編米国法典第119条(e)項に基づいて下記の米  
国特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------	-----------------------------	------------------------

私は、下記の米国法典第35編120条に基づいて下記の米  
国特許出願に記載された権利、又は米国を指定している特許  
協力条約365条(c)に基づく権利をここに主張します。また、  
本出願の各請求範囲の内容が米国法典第35編112条  
第1項又は特許協力条約で規定された方法で先行する米国特  
許出願に開示されていない限り、その先行米国出願書提出日  
以降で本出願書の日本国内または特許協力条約国際提出日ま  
での期間中に入手された、連邦規則法典第37編1条56項  
で定義された特許資格の有無に関する重要な情報について開  
示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書で私が行なう表  
明が真実であり、かつ私の入手した情報と私の信じるところ  
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18編第1001条に基づき、罰金または拘禁、もしくはそ  
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の有効性が失われることを認識し、よってここに上記のごと  
く宣言を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

# Japanese Language Declaration (日本語宣言書)

委任状: 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。(弁理士、または代理人の氏名及び登録番号を明記のこと)

John E. McGarry	22,360
H. Lawrence Smith	24,900
Ralph T. Rader	28,772
Joseph V. Coppola, Sr.	33,373
Michael B. Stewart	36,018
Alexander D. Rabinovich	37,425
Kevin D. Rutherford	40,412
Glenn E. Forbis	40,610
Ronald P. Kananen	24,104
Matthew J. Russo	41,282
G. Thomas Williams	42,228

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Joel E. Bair	33,356
Richard D. Grauer	22,388
Michael D. Fishman	31,951
Mark A. Davis	37,118
Stefan V. Chmielewski	39,914
Shumel Livnat	33,949
Kristin L. Murphy	41,212
David K. Benson	42,314
Christopher M. Tanner	41,518
Robert S. Green	41,800

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唯一または第一発明者名	Full name of sole or first inventor Norio NAGATSUKA	
発明者の署名	Inventor's signature <i>Norio Nagatsuka</i>	Date Nov 15, 2000
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国籍	Citizenship Japan	
私書箱	Post Office Address c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan	
第二共同発明者	Full name of second joint inventor, if any Makoto INOUE	
第二共同発明者の署名	Second inventor's signature <i>Makoto Inoue</i>	Date November 15, 2000
住所	Residence Kanagawa, Japan	
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私書箱	Post Office Address c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 Japan	

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)



## UNITED STATES PATENT AND TRADEMARK OFFICE



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www.uspto.gov

APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
09/701,254	11/27/2000	3661	4520	SON-1684/KOI	92	12

Rader Fishman & Grauer  
1233 20th Street N W Suite 501  
Washington, DC 20036

CONFIRMATION NO. 7973

## CORRECTED FILING RECEIPT



\*OC000000023648828\*

Date Mailed: 05/02/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Norio Nagatsuka, Kanagawa, JAPAN;  
Makoto Inoue, Kanagawa, JAPAN;

## Power of Attorney:

John McGarry--22360  
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Ralph Rader--28772

Michael Fishman--31951  
Joel Bair--33356  
Joseph Coppola Sr--33373  
Shmuel Livnat--33949  
Michael Stewart--36018

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP99/06713 11/30/1999

## Foreign Applications

JAPAN P10-340716 11/30/1998

If Required, Foreign Filing License Granted: 09/08/2001

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US09/701,254**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

JUN 21 2007



**Early Publication Request:** No

**Title**

Robot device, control method for robot device, and program recording medium

**Preliminary Class**

700

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